

Massachusetts Health Care Quality and Cost Information: Technical Report

CABG (Coronary Artery Bypass Graft) Mortality

	Mass-DAC CY03 ¹				AHRQ FY04 ²					
Hospital	Total Cases	Expected Rate	Stand. Mortality Incidence Rate	Quality	Total Cases	Total Deaths	Obs. Rate	Risk-adjusted rate	Lower Confidence Interval	Upper Confidence Interval
All Massachusetts Hospitals	4,393	2.25 ⁴			5,315	140	2.63	1.94		
Baystate Medical Center	533	2.45	2.49	★★	698	22	3.15	1.30	0.04	2.56
Beth Israel Deaconess Medical Center	381	2.12	2.39	★★	422	11	2.61	2.34	0.72	3.95
Boston Medical Center	334	2.55	2.03	★★	395	14	3.54	3.51	1.84	5.18
Brigham and Women's Hospital	530	2.20	2.12	★★	744	20	2.69	0.15	-1.07	1.37
Cape Cod Hospital	114	1.73	2.05	★★	150	1	0.67	0.92	-1.79	3.64
Caritas St. Elizabeth's Medical Center	274	2.28	2.58	★★	294	12	4.08	3.89	1.96	5.83
Lahey Clinic — Burlington Campus	353	1.71	2.12	★★	387	3	0.78	1.41	-0.28	3.10
Massachusetts General Hospital	640	2.13	2.20	★★	800	24	3.00	1.79	0.62	2.96
Mount Auburn Hospital	114	2.44	2.10	★★	141	0	0.00	0.97	-1.82	3.77
North Shore Medical Ctr. — Salem Hospital	44	1.56	2.39	★★	119	4	2.04	2.41	0.04	4.78
Saint Vincent Hospital	192	1.94	2.33	★★	196	1	0.84	0.00	-3.05	3.05
Southcoast H.G. — Charlton Memorial Campus	174	2.16	2.11	★★	194	3	1.55	1.89	-0.49	4.28
Tufts-New England Medical Center (NEMC)	339	2.24	2.64	★★	363	8	2.20	2.78	1.03	4.52
UMass Memorial Medical Center	371	2.17	3.06	★	412	17	4.13	4.11	2.47	5.74

Legend: ★ Mortality significantly higher than state average
 ★★ Mortality as expected
 ★★★ Mortality significantly lower than state average

\$ Hospitals with lowest 25% of costs
 \$\$ Hospitals in middle 50% of costs
 \$\$\$ Hospitals with highest 25% of costs

Notes: Two CABG methodologies are displayed: Mass-DAC (clinical data) and AHRQ (administrative data).

¹ Mass-DAC SMIR Standardized Mortality Incidence Rate, www.massdac.org

² AHRQ: Risk-adjusted rate. www.qualityindicators.ahrq.gov

³ Cost calculated DHC403 Hospital Cost Reports, Mass-DAC definition

⁴ Unadjusted Mortality Rate

Quality	Cost ³	Quartile Range
**	\$	\$31,294-\$51,832
**	\$	\$31,294-\$51,832
**	\$	\$31,294-\$51,832
**	\$\$\$	> \$51,832
**	\$	\$31,294-\$51,832
*	\$	\$31,294-\$51,832
**	\$	\$31,294-\$51,832
**	\$	\$31,294-\$51,832
**	\$	< \$31,294
**	\$	\$31,294-\$51,832
**	\$	< \$31,294
**	\$	< \$31,294
**	\$\$\$	> \$51,832
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